



## Parachute



**Technical Assistance and Support Center  
Division of Customer Support  
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Welcome to Parachute for Macintosh OS X. This manual will show you how to configure Macintosh OS X for Parachute remote access, and logon to the NIH Network from off-campus using a high-speed modem and a standard telephone line.

## What Is Parachute?

Parachute was created as an acronym (Point-to-point protocol Apple Remote Access Central High speed User Telecommuting Engine) which encompasses all the various operating systems' names for their dial-up or remote access networking components. Parachute is only relevant to analog (standard telephone line) communication (not DSL, cable, wireless, satellite, etc.).

Parachute gives you a physical connection to the Internet and nothing else. Once you are connected (dialed & logged in) to Parachute, its job is done. It is up to some other piece of software to give you the services you require: a web browser like Netscape to browse Internet web sites, AppleTalk services to access your home drive, an email program like Outlook or Eudora to get your email.

Many users have questions or problems that are not caused by Parachute but are about some other function they desire to do while dialed into Parachute. It is important to note this distinction as it may save you a lot of time & frustration. Near the end of this document, we will show you how to tell if you are logged into Parachute successfully.

## What Do You Get From Parachute?

Before you dial into Parachute, you are probably wondering what you are going to be able to do with it. You are probably going to compare what you can do from the office versus what you can do over Parachute. Remember, Parachute only gives you a physical connection to the Internet but with that connection, you can do a lot of different things. To put it simply, you can do almost everything your office computer can, only slower (provided you have the software installed on your Parachute computer). Here are some of them:

- Use a web browser like Netscape to surf the World Wide Web for web sites
- Use AppleTalk services to connect to your office Mac's hard drive
- Use Outlook to do your email & calendar

## Getting Technical Support

If you need help configuring your Parachute connection, contact your IC Help Desk or your local computer support staff.

Visit the NIH Remote Access web site at: <http://remoteaccess.nih.gov/> and click on the Parachute link.

## What You Need – The Worksheet

- <sup>1</sup>A Parachute account: \_\_\_\_\_ & password: \_\_\_\_\_
- <sup>2</sup>Your network username: \_\_\_\_\_ & password: \_\_\_\_\_
- <sup>2</sup>Your IC AppleTalk zone: \_\_\_\_\_
- <sup>3</sup>A list of your network drives (AppleTalk zone, server name & shared folder name)

Name	AppleTalk Zone	Server:Folder
Ex: PUBNet	NIH PUBNet	Mac Software:Applications

- <sup>4</sup> A high speed analog modem - V.90 preferred

### Notes:

1. Your NIH Account Sponsor can give you your Parachute account & password.
2. This is the username & password you use (if required) to login in the morning at your office computer. To find your AppleTalk zone, refer to the instructions in the section below entitled “Configuring AppleTalk”.
3. To obtain a list of your network drives, on your office computer, look on its Desktop for the drive icon & click once on it & then choose the Get Info command from the File menu or press Command+I. The AppleTalk zone, server name & volume name should all be indicated in the resulting window.
4. The modem should have already been installed.

## Configuring Parachute

1. Look in your OS X Dock for the System Preferences icon (Figure 1) & click once on it to open it.



Figure 1. The System Preferences icon from the Mac OS X Dock.

2. In the System Preferences window (Figure 2), click on the Network icon (Figure 3).

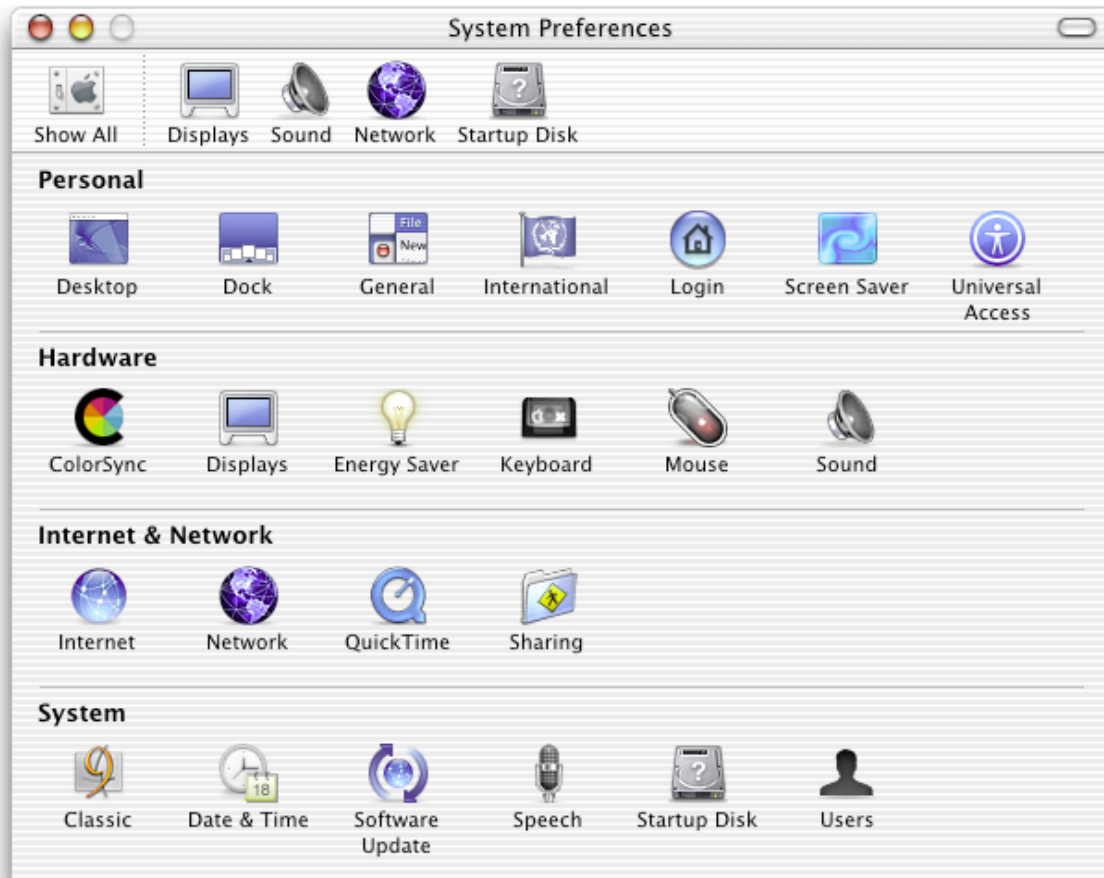


Figure 2. The System Preferences window.



Figure 3. The Network icon.

3. In the Network window (Figure 4), select **New Location...** from the Location menu.

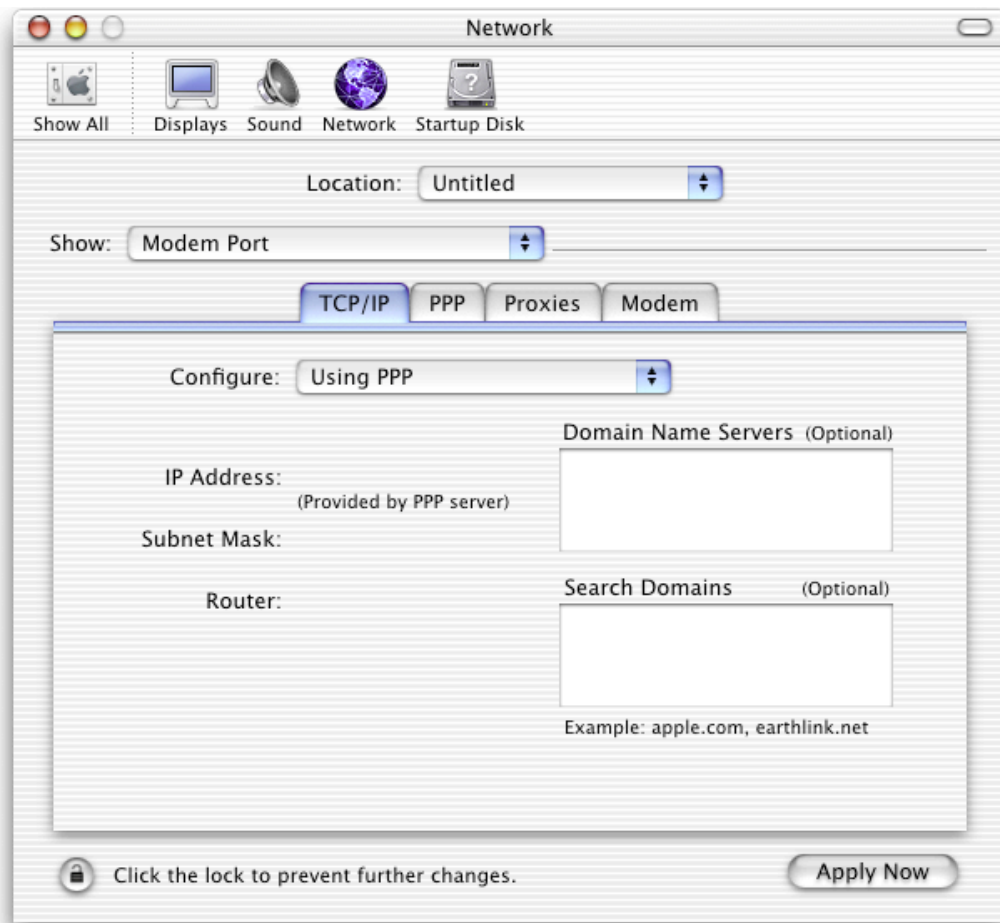


Figure 4. The Network window.

4. Enter the name of your Location (ex. Figure 5) and click on the OK button.



Figure 5. Example name of a Network Location called Parachute 301.

- Click on the TCP/IP tab (tab turns blue) and select Using PPP from the Configure menu & then enter the Domain Name Server addresses & the Search Domain entries as show in Figure 6 below.

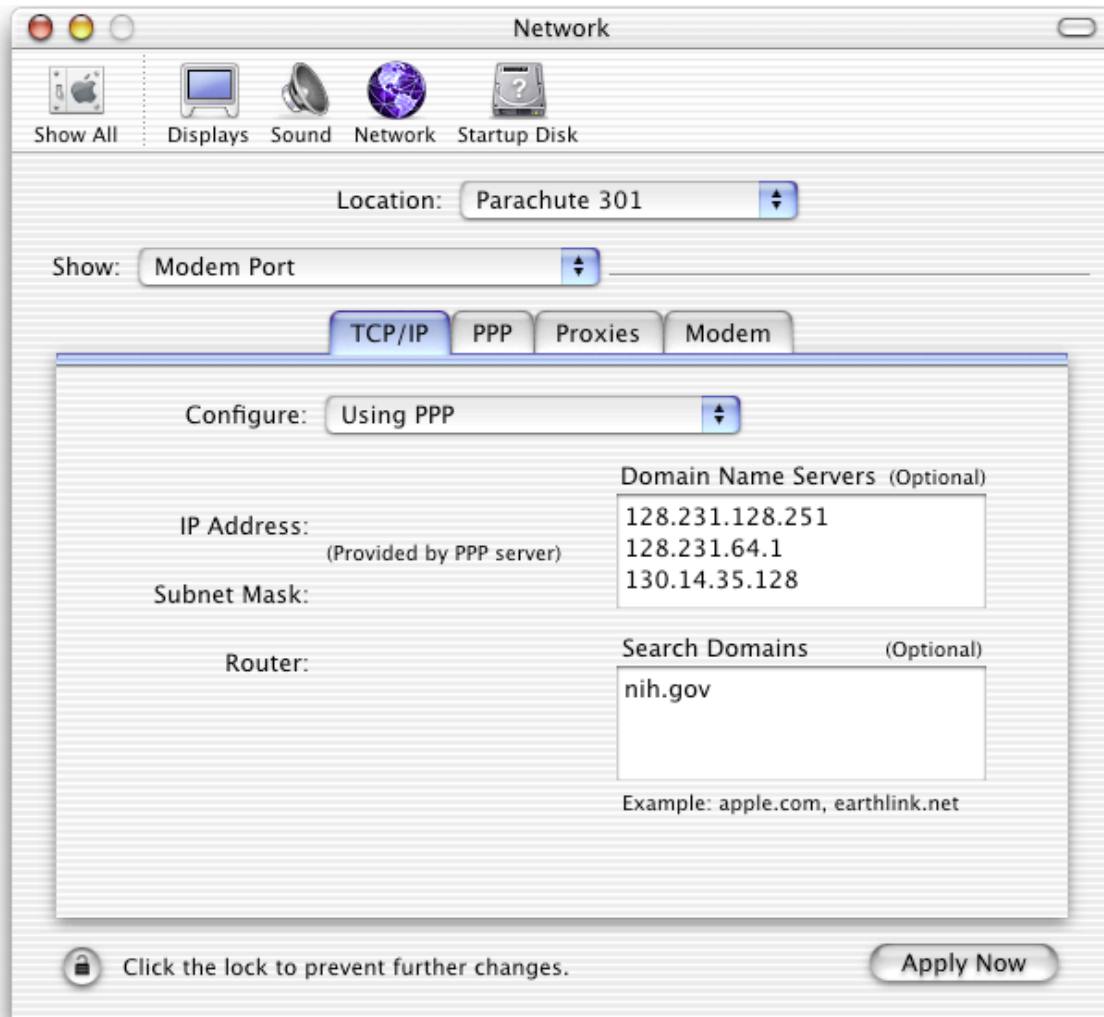


Figure 6. Configuration of the TCP/IP tab.

6. Click on the PPP tab (Figure 7):
- Enter the Parachute phone number in the Telephone Number field.
  - Enter your Parachute userid in the Account Name field.
  - The other fields are optional.

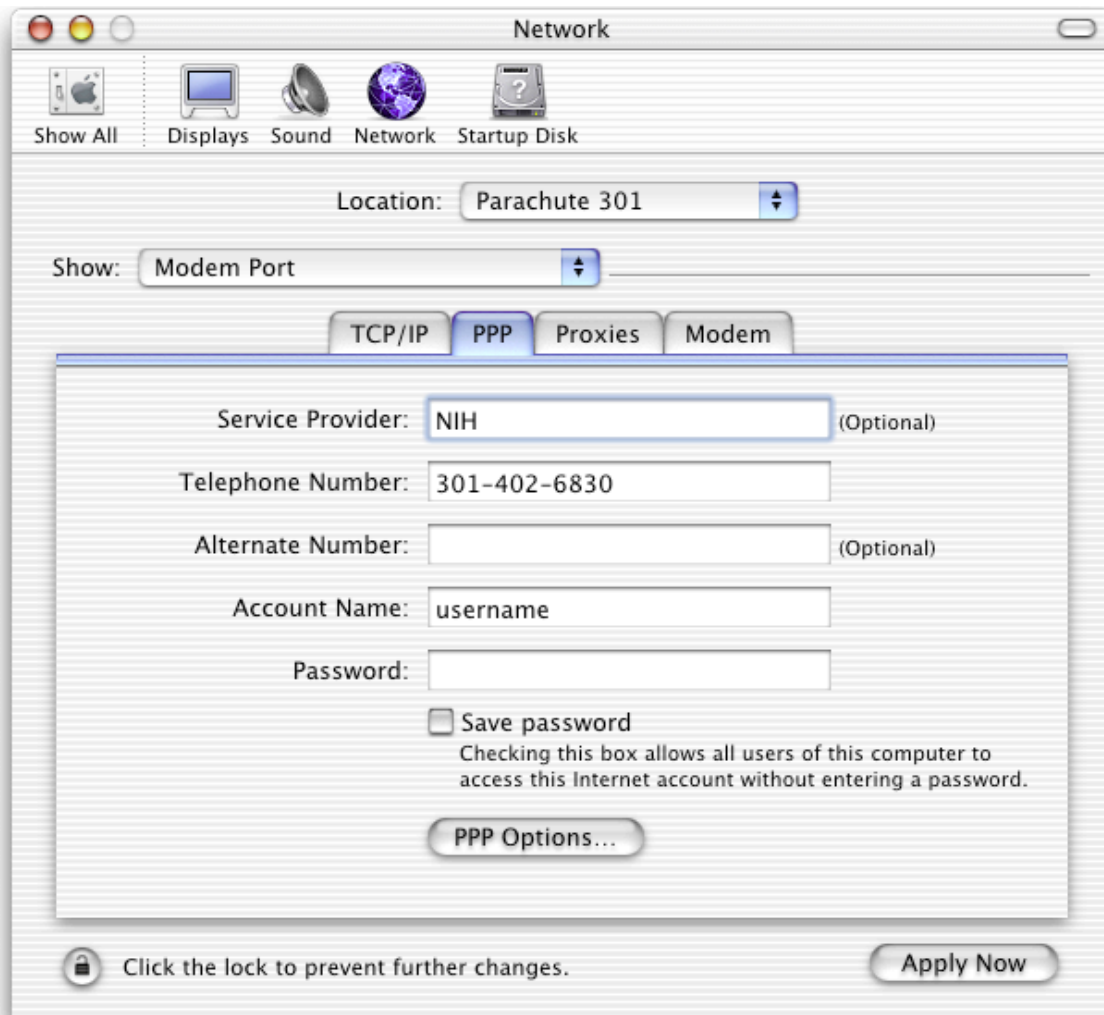


Figure 7. Configuration of the PPP tab.

7. Click on the **PPP Options...** button. Configure the PPP options as shown in Figure 8 below & click on the OK button.

**Session Options:**

- ☐ Connect automatically when starting TCP/IP applications
- ☐ Prompt every  minutes to maintain connection
- ☐ Disconnect if idle for  minutes
- ☒ Disconnect when user logs out
- ☒ Redial if busy

Redial  times

Wait  seconds before redialing

**Advanced Options:**

- ☒ Send PPP echo packets
- ☐ Use TCP header compression
- ☐ Connect using a terminal window (command line)
- ☐ Use verbose logging

Figure 8. PPP Options.



8. Click on the Proxies tab (Figure 9) & configure as shown in Figure 9 below.

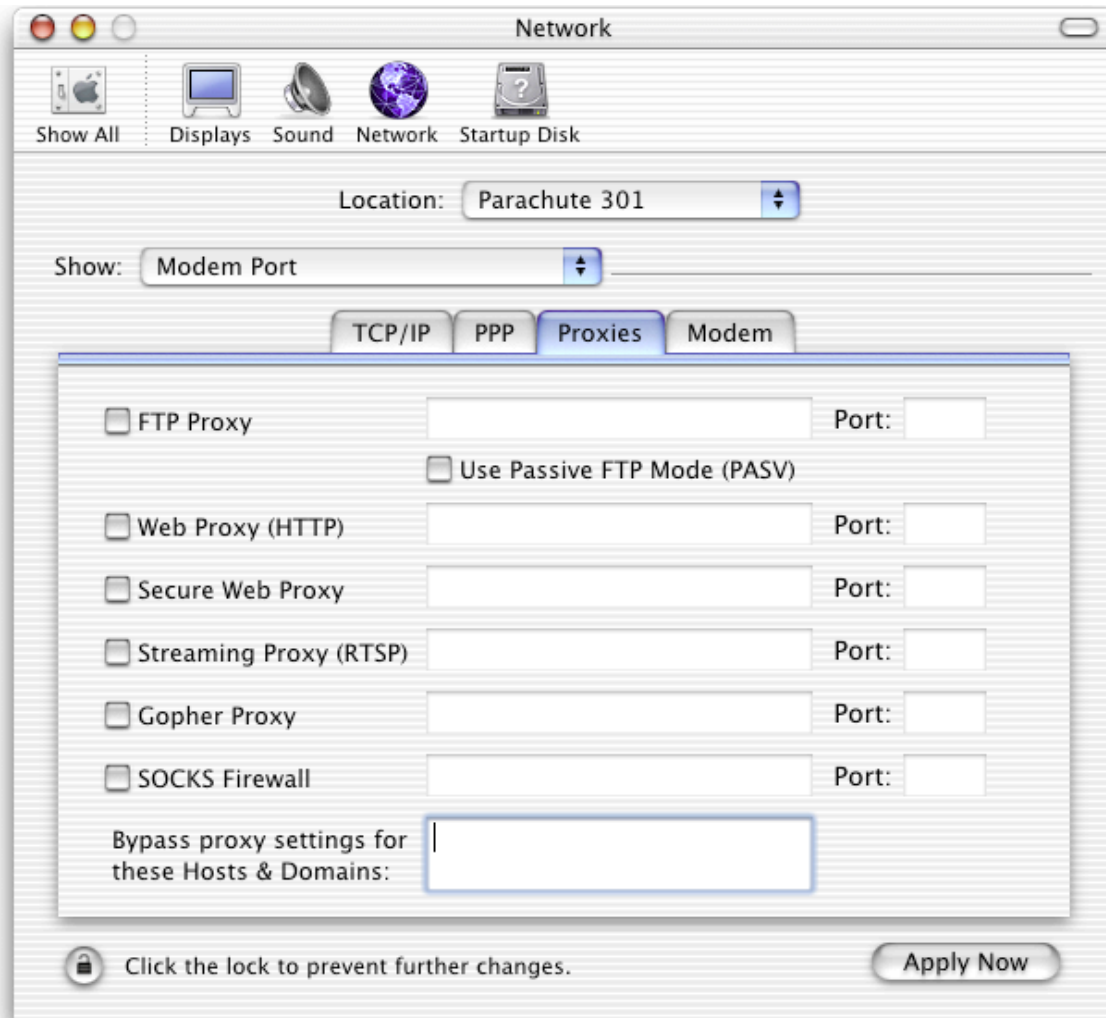


Figure 9. Configuration of the Proxies tab.

9. Click on the Modem tab & configure as shown in Figure 10 below. If your modem isn't already shown in the Modem pull-down menu, click on the menu & select your modem from the list.

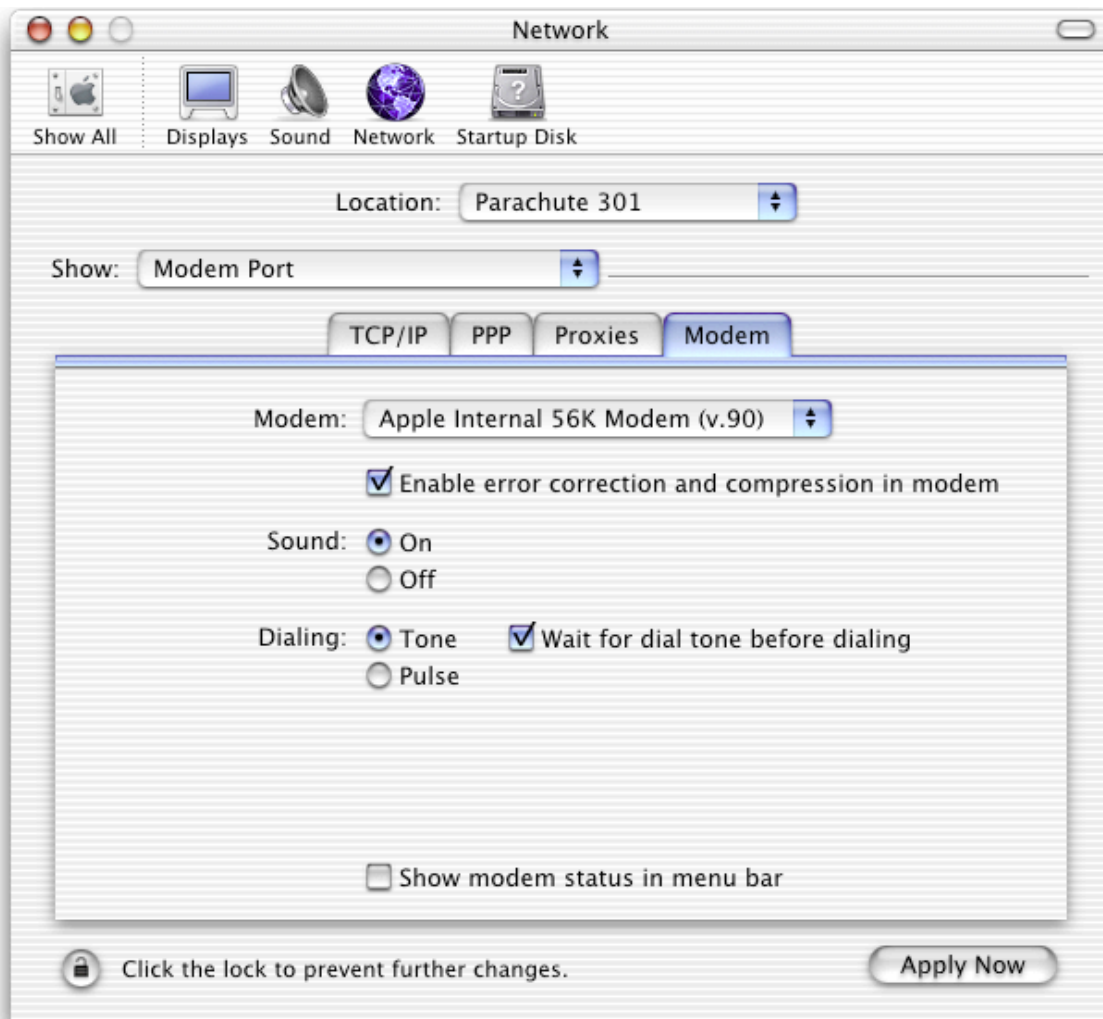


Figure 10. Configuration of the Modem tab.

10. To make sure that other network or port configurations do not interfere with your Parachute configuration, these unused ports should be turned off. To do this, select Active Network Ports from the Show menu (Figure 11). In the Active Ports window (Figure 11), uncheck the ports you do not need. Also, move the port you want to use to the top of the list (the Modem Port in this case) by clicking on it & holding down the mouse while dragging it to the top of the list (a black line will follow your mouse cursor – Figure 12) & release the mouse button.

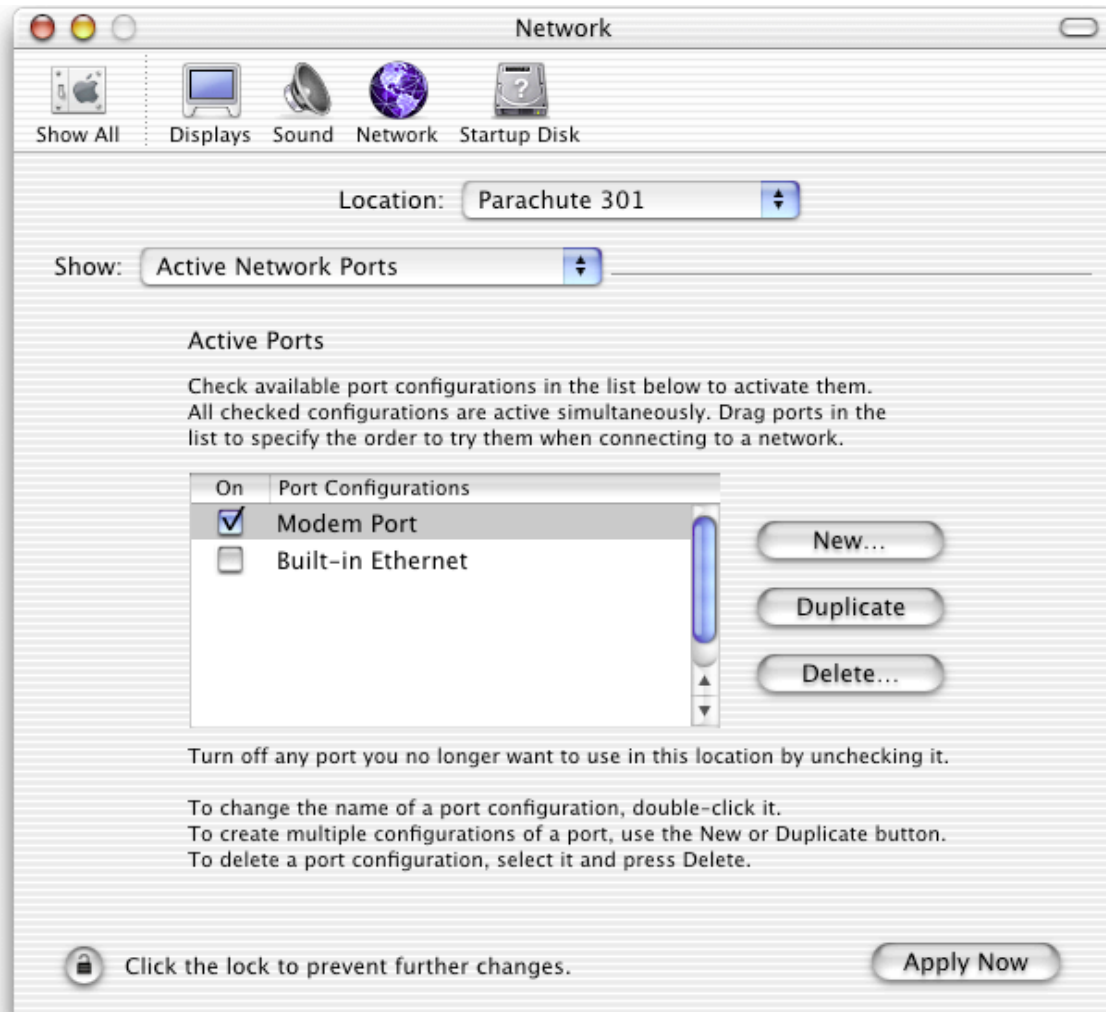


Figure 11. Configuration of the Active Network Ports window.

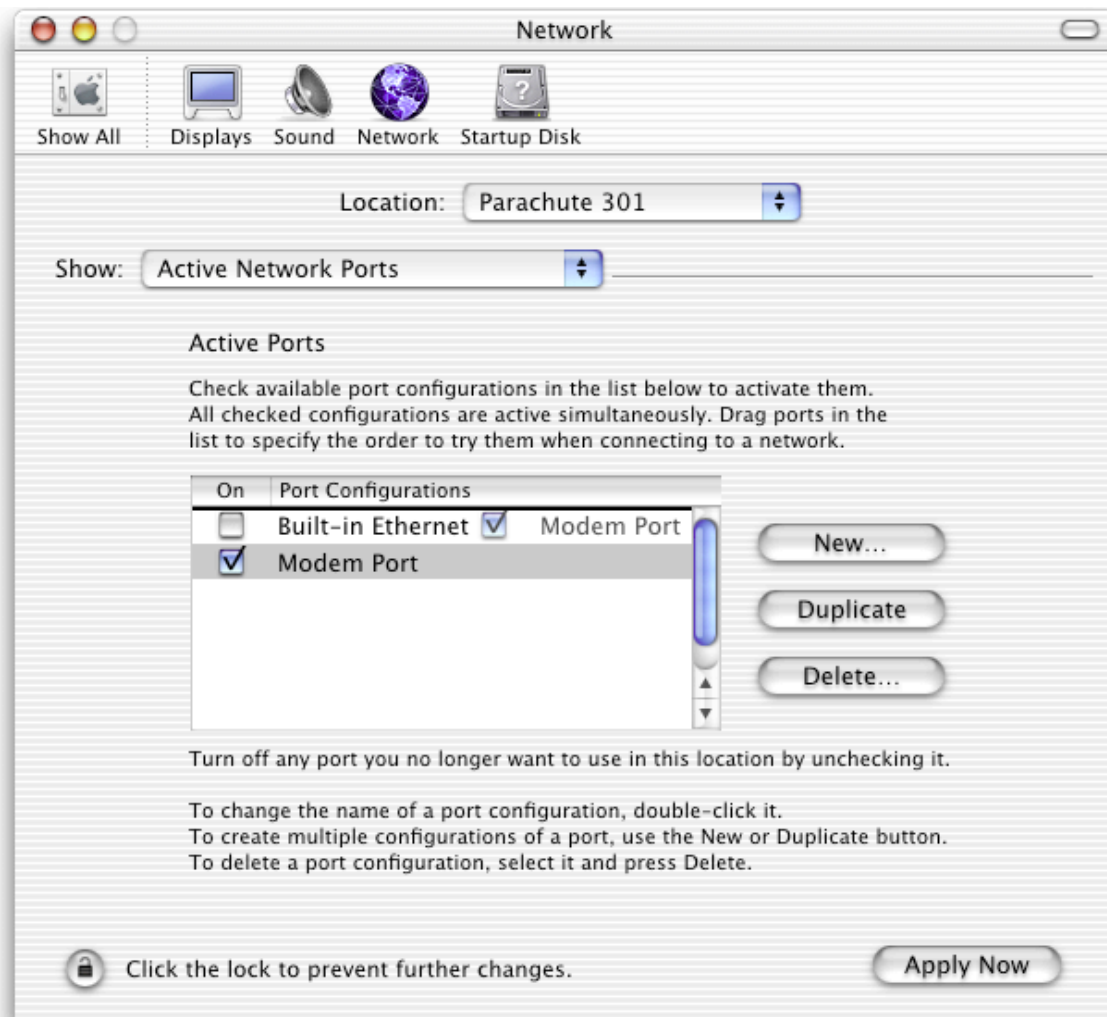


Figure 12. Changing the Port order.

11. Finally, click on the Apply Now button to save your changes & start using these network settings.

## **Dialing Parachute**

Now that you have configured Mac OS X for Parachute, you are ready to dial into Parachute & connect.

1. Open your Mac OS X hard drive & look for the Applications folder (Figure 13) & open it.



Figure 13. Applications folder icon.

2. Locate the Internet Connect application (Figure 14) & open it.



Figure 14. Internet Connect application icon.

3. From the Internet Connect window (Figure 15), select your configuration method (Modem Port for most users) from the Configuration menu.

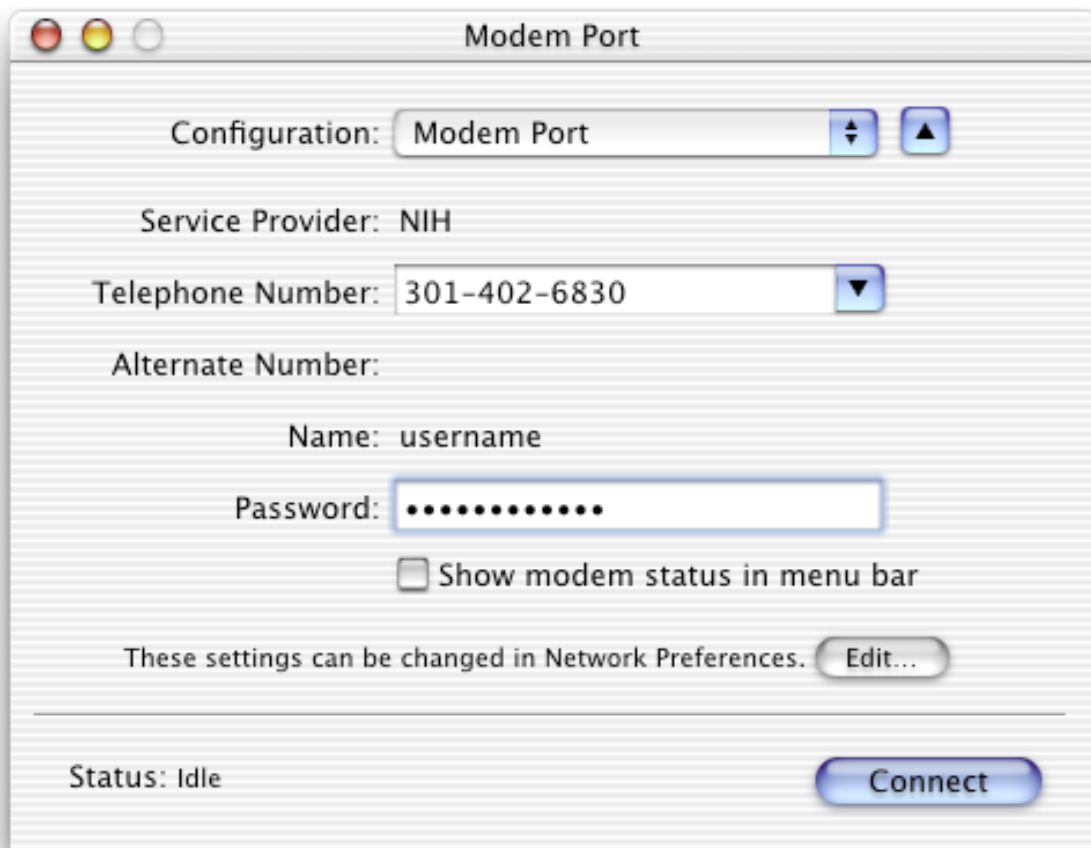


Figure 15. Internet Connect application window.

4. Make sure the telephone number, Name (Parachute userid) and Password fields are correct & then click on the **Connect** button. If all goes well, then you will hear the modem dial into Parachute & you will see your login verified.

Congratulations!! You are now logged into Parachute & can now use your computer to get to NIH computing resources.

## Connecting to a Network File Server

1. Select the “Connect to Server” command from the Go menu (Figure 21).

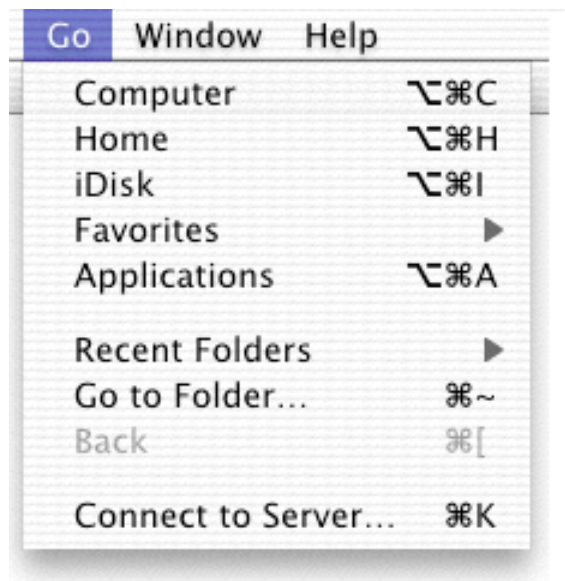


Figure 21. Go menu – Connect to Server.

2. From the Connect to Server window (Figure 22), type in the name or IP address of the server you want to connect to into the Address field and click on the Connect button.



Figure 22. Connect to Server window.

3. From that network server's login prompt (Figure 23), type in your network username & password & then click on the Connect button.

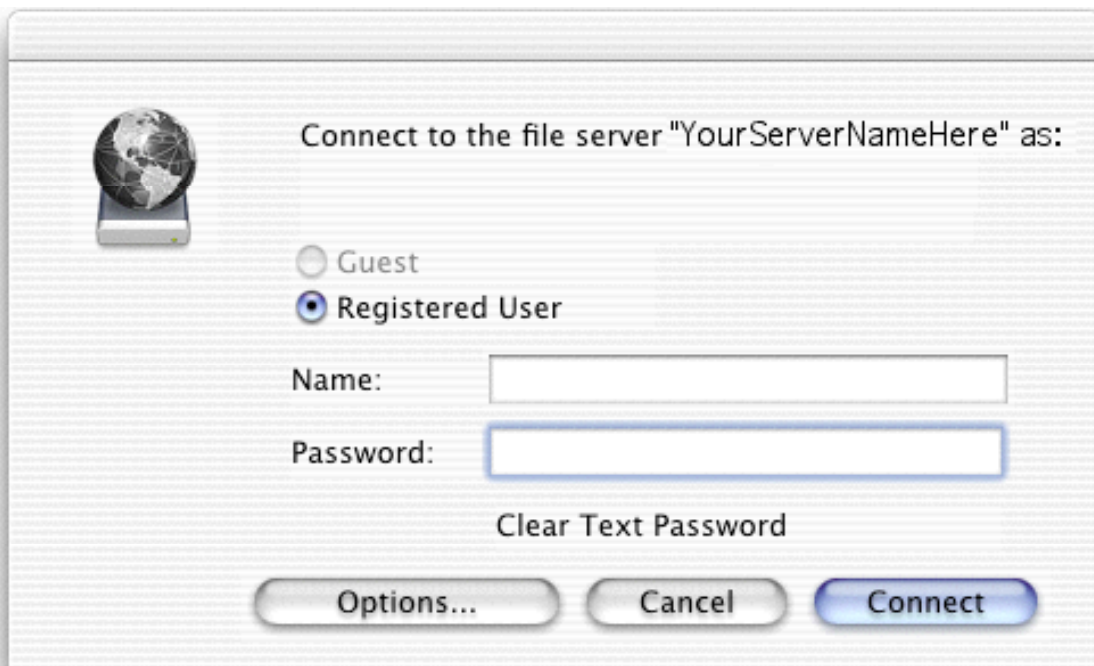


Figure 23. Network Server Login Prompt.

4. From the Server Volume window (Figure 24), select the server drive/volume that you wish to use & click on the OK button.

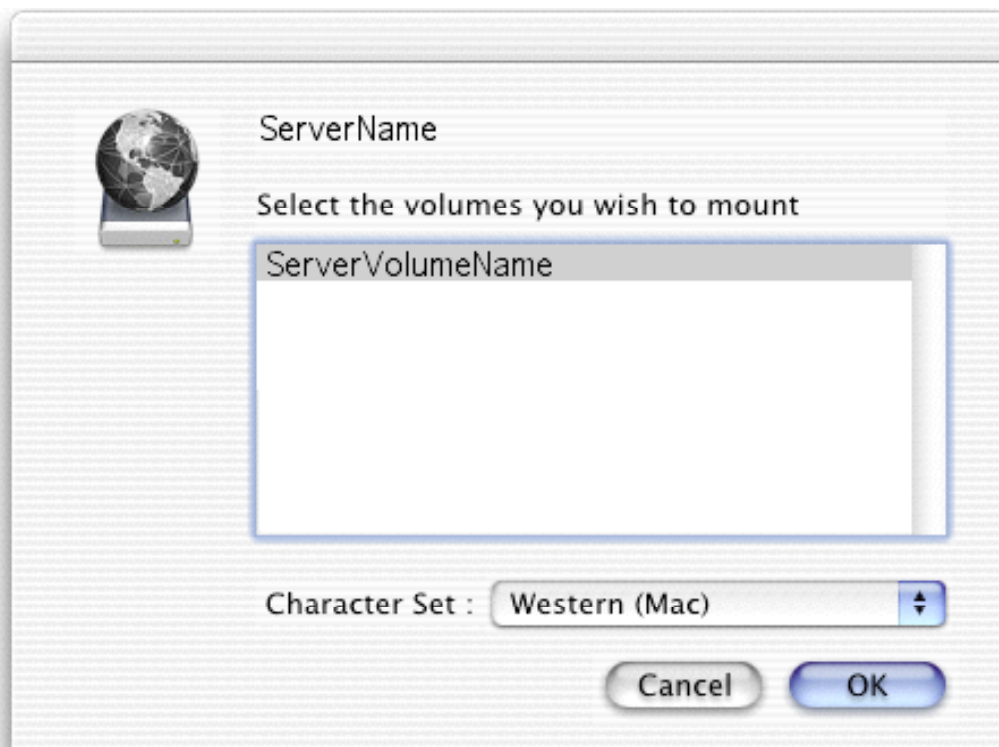


Figure 24. Select Server Volume window.



5. Congratulations!! You have now connected to the server & can now use it. You will see it on your Desktop (Figure 25).



Figure 25. Network Server Icon.

### **Disconnecting from Parachute**

Click on the Internet Connect icon (Figure 14) in your Dock window to bring it to the foreground & click on the **Disconnect** button & then select Quit from the Internet Connect menu.